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# Software Requirements Specification

for

**<To-Let>**

Version 1.0 approved

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## **Revision History**

<b>Name</b>	<b>Date</b>	<b>Reason For Changes</b>	<b>Version</b>
To-Let	11/02/24		1

# **1. Introduction**

## **1.1 Purpose**

The purpose to make this app is to find flat, apartment or sublet easily for rent. Specially in Dhaka city it is difficult to find a flat for rent by walking. If anyone wants to find an apartment that person needs to spend a whole day for it. By using this app people can find nearby rental flat or apartment. You don't need to go physically there if you like any house you can call the owner of the house to make a deal or contract. It will save your time and hassle.

## **1.2 Document Conventions**

There was feedback that this app should add a category by price range. It will help the users to find a rental apartment by their budget.

## **1.3 Intended Audience and Reading Suggestions**

Our intended audience is people who need new apartment or sublet for rent or those who have to leave their current home for any reason. People who are new in the area, do not know where to find rental house. People who do not know the actual price range of rent price of a house. This app will give also an idea of the price range of rental apartments of a particular area.

## **1.4 Product Scope**

This To-Let app is a mobile application software. It is challenging to spending time to find a home for rent leaving behind important daily task.

It takes a lot of time to find a new home that you like. You have to go to places, talk to the guard of the building then that guard will allow you to see the place. Sometimes there is no elevator to go up. After go the house it turns out that you don't like the flat. So, by using this app you can ignore this kind of inconvenience.

Sometimes we see poster for rental apartment or sublet. Where the owner mention only the number of rooms, no scope to have an idea how the place will look because there are no pictures. In this app you can see pictures of all rooms. At least you can assume how the place will look.

Also, if you have no idea about rent price of flats in a area, you also can have an idea about the price range.

## **1.5 References**

Wickramasinghe, MTA; De Silva, SHIDN; Gunasekera, D (2022)

*1.5.1.1 [An Android Application to Manage House Rental and Maintenance in Sri Lanka](#)*

## **2. Overall Description**

### **2.1 Product Perspective**

2.2 Finding a new home for rent can be quite time-consuming, often requiring us to juggle it with our daily responsibilities. The traditional method involves visiting different places, engaging with building guards, and sometimes facing inconveniences like lack of elevators or discovering the property doesn't suit our preferences after the visit. However, with the To-Let app, such hassles can be avoided altogether.

This innovative mobile application simplifies the house-hunting process by providing comprehensive features. For instance, users can view pictures of available properties, offering a glimpse into the living space before even stepping foot inside. This feature is particularly helpful when dealing with rental posters that lack visual representations, leaving us guessing about the property's appearance.

Moreover, the app offers insights into the rental prices in various areas, aiding users in assessing the affordability and determining whether a property fits their budget. Overall, the To-Let app streamlines the rental search process, saving users valuable time and ensuring a more informed decision-making experience.

### **2.2 Product Functions**

This app will have Three primary functions. Admin, Owner and User. The Admin Pannel can make anyone owner or user. Admin will able to add or remove post about rental houses. Owner can add rental post and edit about his house. Also, can see other owner's post. Users can see post and can change their profile information.

Admin site:

- i. Able to make anyone owner or user
- ii. Add or remove post
- iii. View post of owner

Owner site:

- i. Make post
- ii. View post

User site:

- i. View post

### **2.3 User Classes and Characteristics**

The various user classes that you anticipate will use this product are –

- i. Admin: Admin will add owner and users as their registration basis. They will look after owner's post to keep the authenticity of rental houses.
- ii. Owner: Have to register to be an owner. Owner only can make post about his rental house. If an owner has more than one house to give rent that owner can make post separately.

- iii. User: Users can view post and details. Also, they can edit their profile information. Only users can view the contact number of the owner.

## 2.4 Operating Environment

This app is designed for Android phones and works with different versions of the Android operating system, which is great because many people in Bangladesh use Android.

The app has a user-friendly design and connects with Google Maps, making it easier for owner and users on city to stay connected and productive. It's also convenient for both landlords and tenants.

We'll be using Android Studio to make the app because it's the main tool for creating Android apps and it's easier to use. With Android Studio, we can write code, find and fix problems, and test the app before releasing it. It has everything we need to make a great app, and it even lets us test it on different Android devices to make sure it works well for everyone. Overall, Android Studio makes it simpler for developers like us to create top-notch Android apps.

## 2.5 Assumption and Dependencies

We will add a report option so that user can make report about any inconvenience. Also, they will have a review option if they visit place by seeing rental posts. Owner has to register as owner to be verified. We will add a chat & call system between user and owner so that user can get details. There can be fake user or owner so after one warning we will try to remove accounts if we find anything like that.

## Appendix B: Analysis Models

